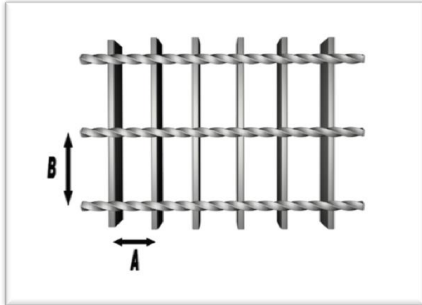


Safegrid 20mm BP (20mm Ball Proof)

Safegrid / Flowforge 20mm BP steel grating comprises of a series of parallel, flat, load bearing bars at equal spacing, to prevent a 20mm sphere from passing through. These are held upright by 6mm twisted-square transverse bars that are resistance welded into the top surface. 20mm Ball Proof safe grid to be used above area's where personnel are working.



Load Bearing Bar Size - 5mm	20x5 up to 60x5 in 5mm increments	
Load Bearing Bar Size - 3mm	20x3 up to 50x3 in 5mm increments	
Load Bearing Bar Centres (A) 5mm LB	23.5 mm	
Load Bearing Bar Centres (A) 3mm LB	21.5 mm	
Transverse Bar Centres (B)	50 & 100 mm	
Material Grade	S275 (Gr 43A)	
Bar Type	Plain	Slip resistant
	Rolled Serrated	Enhanced slip resistant
	Machine / landed flat	Enhanced slip resistant
Standard panel size	6m x 1m nominal	
Actual panel width over stubs	989 mm, (subject to tolerance: +0, -5mm)	

Available Fixings:

Narrow top Clip c/w type 5 bottom clip
CD12 top clip can also be used



Hilti Fixings



Self Tapping stud c/w narrow top clip
CD12 top clip can also be used



**** Note: Landed flat - cross bar centres are limited to 100mm

*** Note: min bar depth for machine serration is 25mm

Quality Assurance

- Business Information Modelling (BIM) Level 2 compliant business
 - ISO 9001:2008 for Quality Assurance
 - Certificate of Conformity as standard
- Declaration of Performance (DoP) for CE Marking
 - Design specification BS4592-0:2006+A1:2012
- Manufacturing specification BS4592:1:2016 + LK Standards

Individual calculation sheets available upon request
Full Design Manual Available upon Request

Advice and guidance is given in good faith without responsibility. Calculation sheets must be used from either LK Group or other suitably qualified engineering sources to confirm and determine the final max clear spans and loadings as per the attached typical data.